

## SCOOTER LIFT WITH LOAD DETECTOR AND LOAD LOCK

### ABSTRACT

An external lift for a scooter includes a load sensor actuated by rotation of the platform as a load is applied anywhere on the platform, a lock mechanism for preventing the platform from rotating in a loaded and raised position, and a lock mechanism for preventing the platform from rotating in an unloaded and raised position. A pair of shoes on a hold down prevent a scooter from leaving the lift unintendedly. The lift includes a fixed post and a moveable post. A roller coupled to the moveable post engages a small ramp on the end of the fixed post, thereby further stabilizing the lift and increasing the lifting capacity.